Patent Office

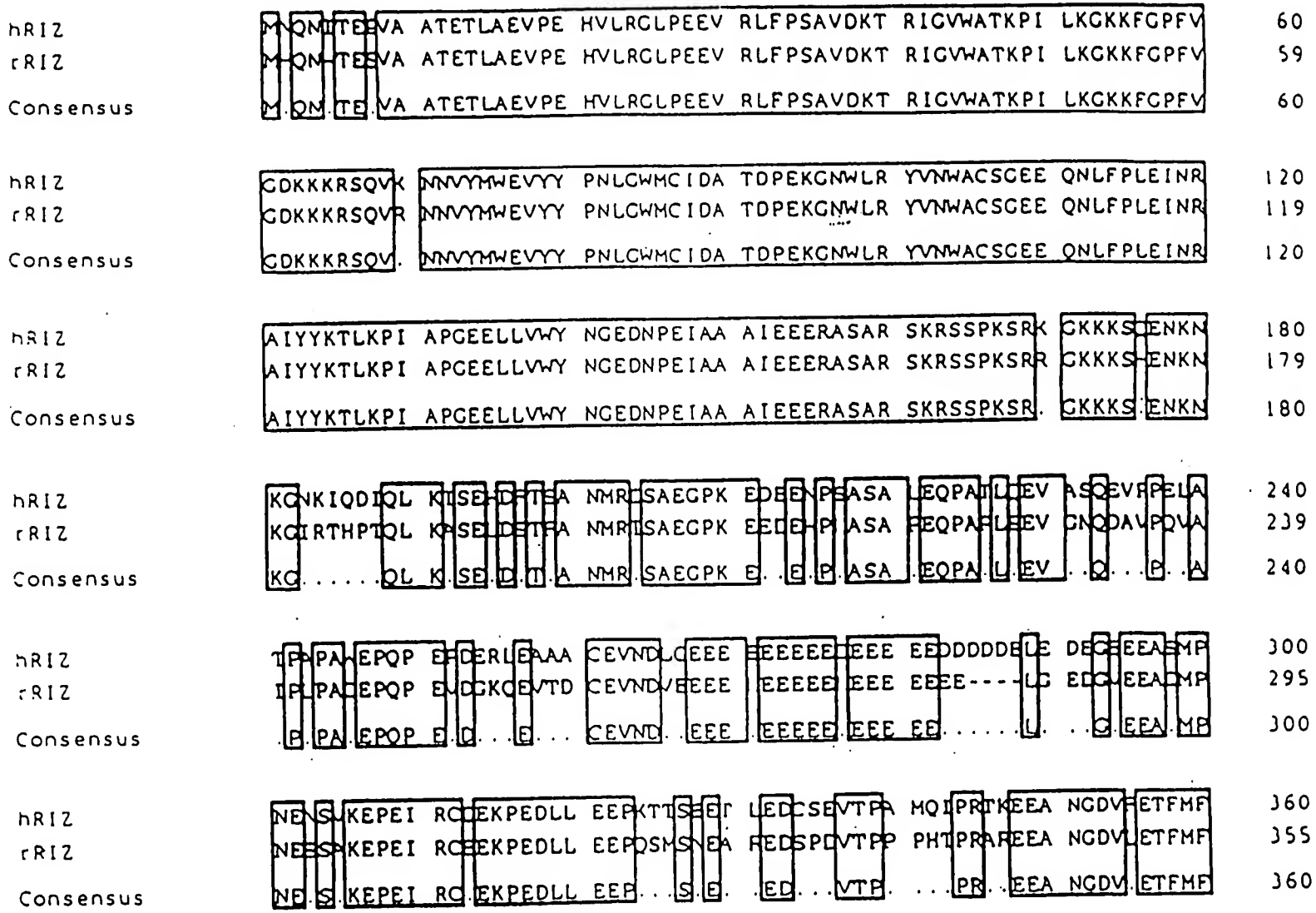

FIGURE 1A

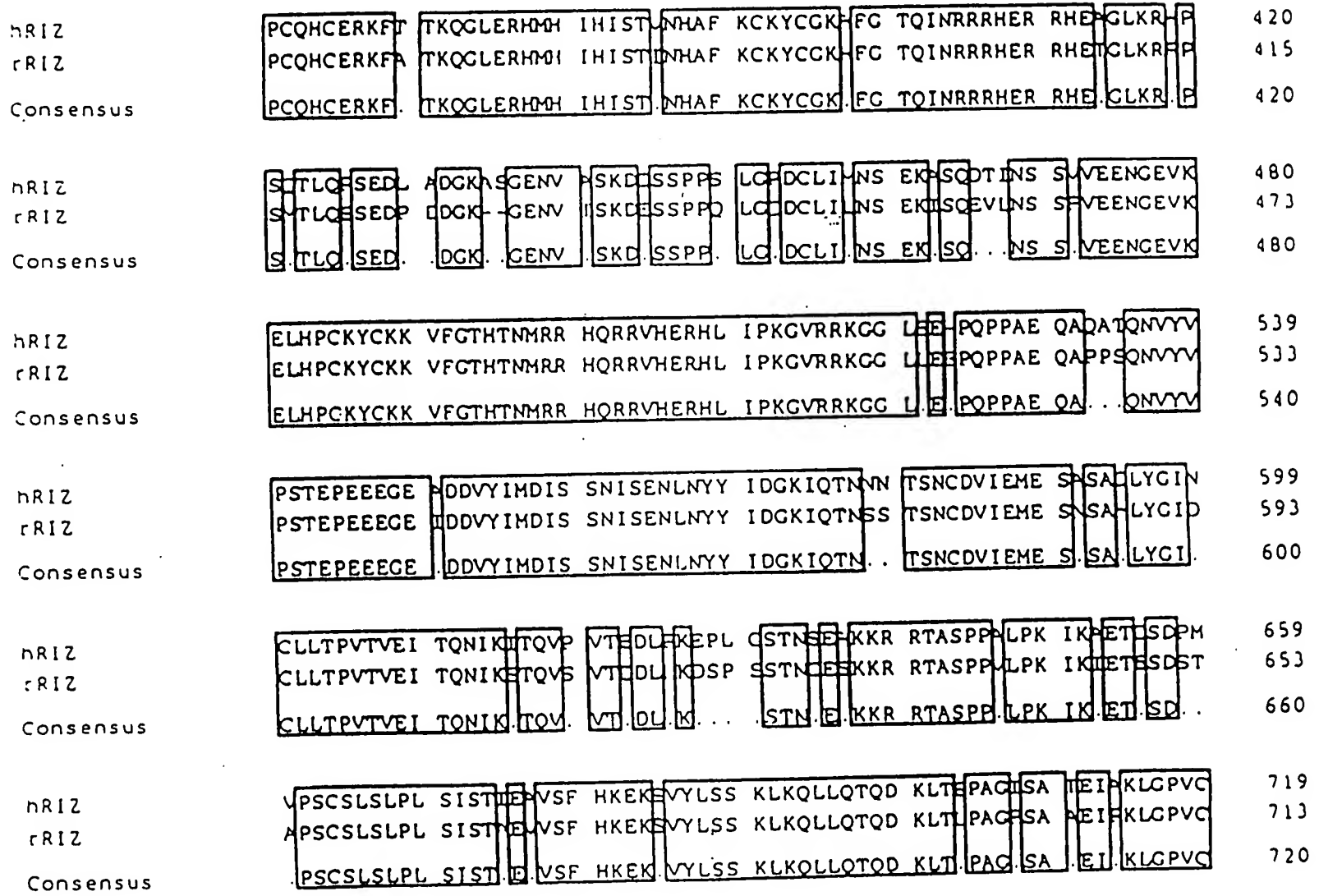
hRIZ
rRIZ
Consensus
420
415
420
480
473
480
539
533
540
599
593
600
659
653
660
719
713
720

FIGURE 1B

PDACET Gen Bank

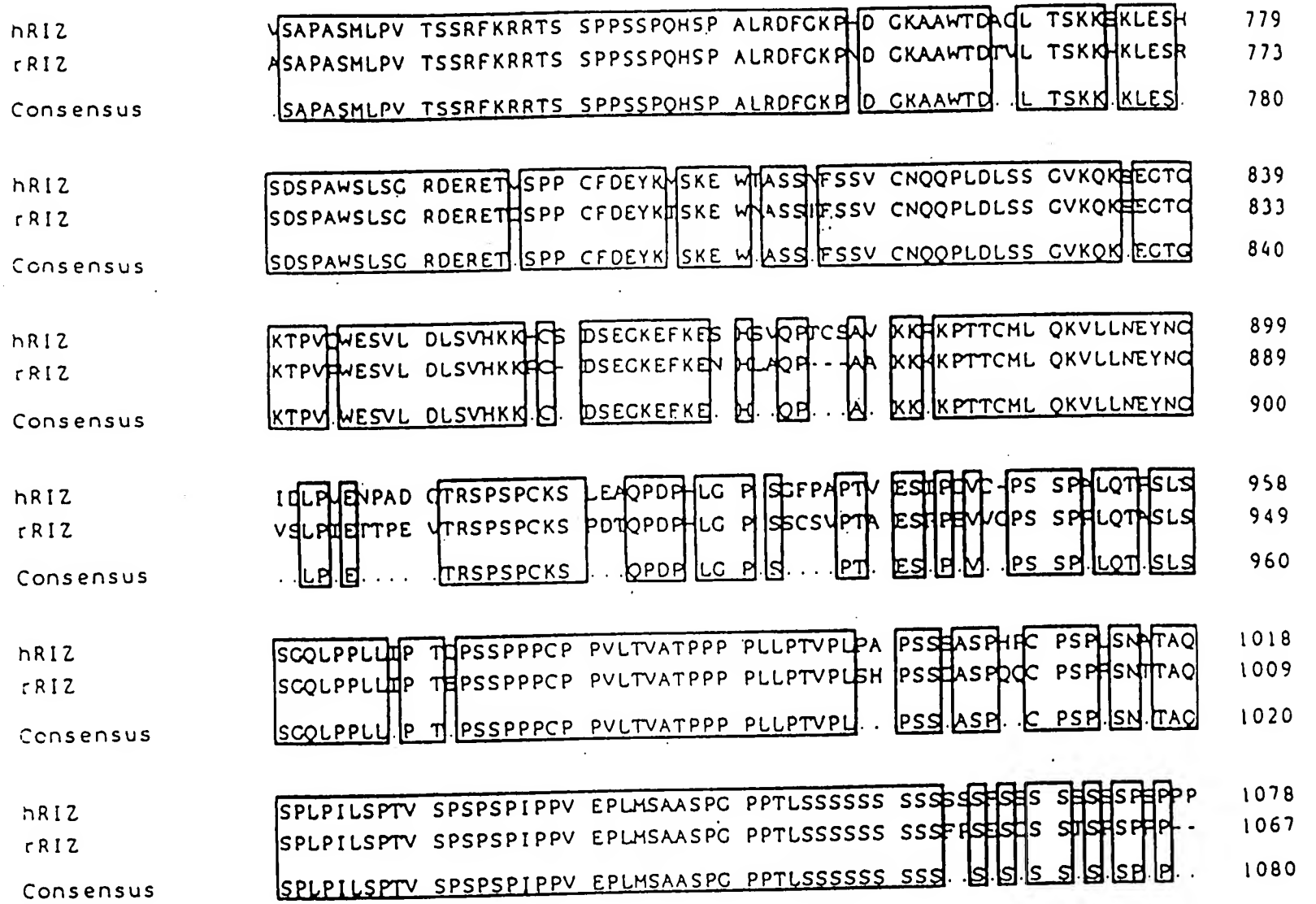

FIGURE 1C

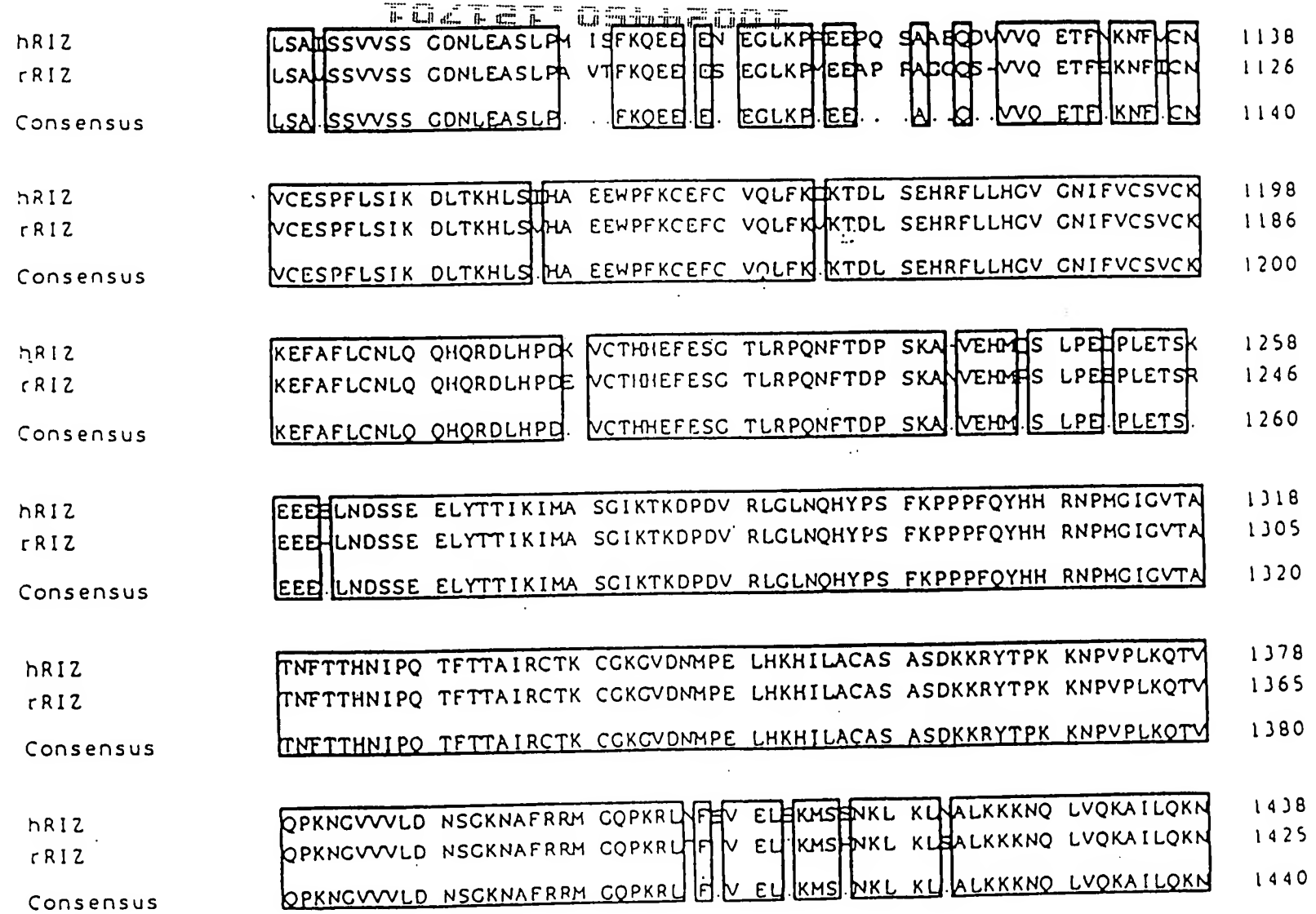
hRIZ
rRIZ
Consensus
LSAISSVVSS GDNLEASLPM ISFKQEEEEN EGLKPEEEPQ SAAEQDVVVQ ETFNKNFVCN 1138
LSALSSVVSS GDNLEASLPA VTFKQEEEGS EGLKPMEEAP PACQQSSVVQ ETFEKNFICN 1126
LSA.SSVVSS GDNLEASLP. . .FKQEE.E. EGLKP.EE.. ..A..Q..VVQ ETF.KNF.CN 1140
VCESPFLSIK DLTKHLSTHA EEWPFKCEFC VQLFKCKTDL SEHRFLLHGV GNIFVCSVCK 1198
VCESPFLSIK DLTKHLSVHA EEWPFKCEFC VQLFKVKTDL SEHRFLLHGV GNIFVCSVCK 1186
VCESPFLSIK DLTKHLS.HA EEWPFKCEFC VQLFK.KTDL SEHRFLLHGV GNIFVCSVCK 1200
KEFAFLCNLQ QHQRDLHPDK VCTHDIEFESG TLRPQNFTDP SKAVEHMCS LPEDPLETSK 1258
KEFAFLCNLQ QHQRDLHPDE VCTIDIEFESG TLRPQNFTDP SKAVEHMFS LPEEPLETSR 1246
KEFAFLCNLQ QHQRDLHPD. VCTHHEFESG TLRPQNFTDP SKAVEHM.S LPE.PLETS. 1260
EEELNDSSE ELYTTIKIMA SGIKTKDPDV RLGLNQHYPS FKPPPFQYHH RNPMGIGVTA 1318
EEELNDSSE ELYTTIKIMA SGIKTKDPDV RLGLNQHYPS FKPPPFQYHH RNPMGIGVTA 1305
EEE.LNDSSE ELYTTIKIMA SGIKTKDPDV RLGLNQHYPS FKPPPFQYHH RNPMGIGVTA 1320
TNFTTHNIPQ TFTTAIRCTK CGKGVDNMPE LHKHILACAS ASDKKRYTPK KNPVPLKQTV 1378
TNFTTHNIPQ TFTTAIRCTK CGKGVDNMPE LHKHILACAS ASDKKRYTPK KNPVPLKQTV 1365
TNFTTHNIPQ TFTTAIRCTK CGKGVDNMPE LHKHILACAS ASDKKRYTPK KNPVPLKQTV 1380
QPKNGVVVLD NSGKNAFRRM CQPKRLFEV ELEKMSENKL KLNALKKKNQ LVQKAILQKN 1438
QPKNGVVVLD NSGKNAFRRM CQPKRLFVV ELEKMSENKL KLSALKKKNQ LVQKAILQKN 1425
QPKNGVVVLD NSGKNAFRRM CQPKRLF.V ELEKMS.NKL KL.ALKKKNQ LVQKAILQKN 1440

FIGURE 1D

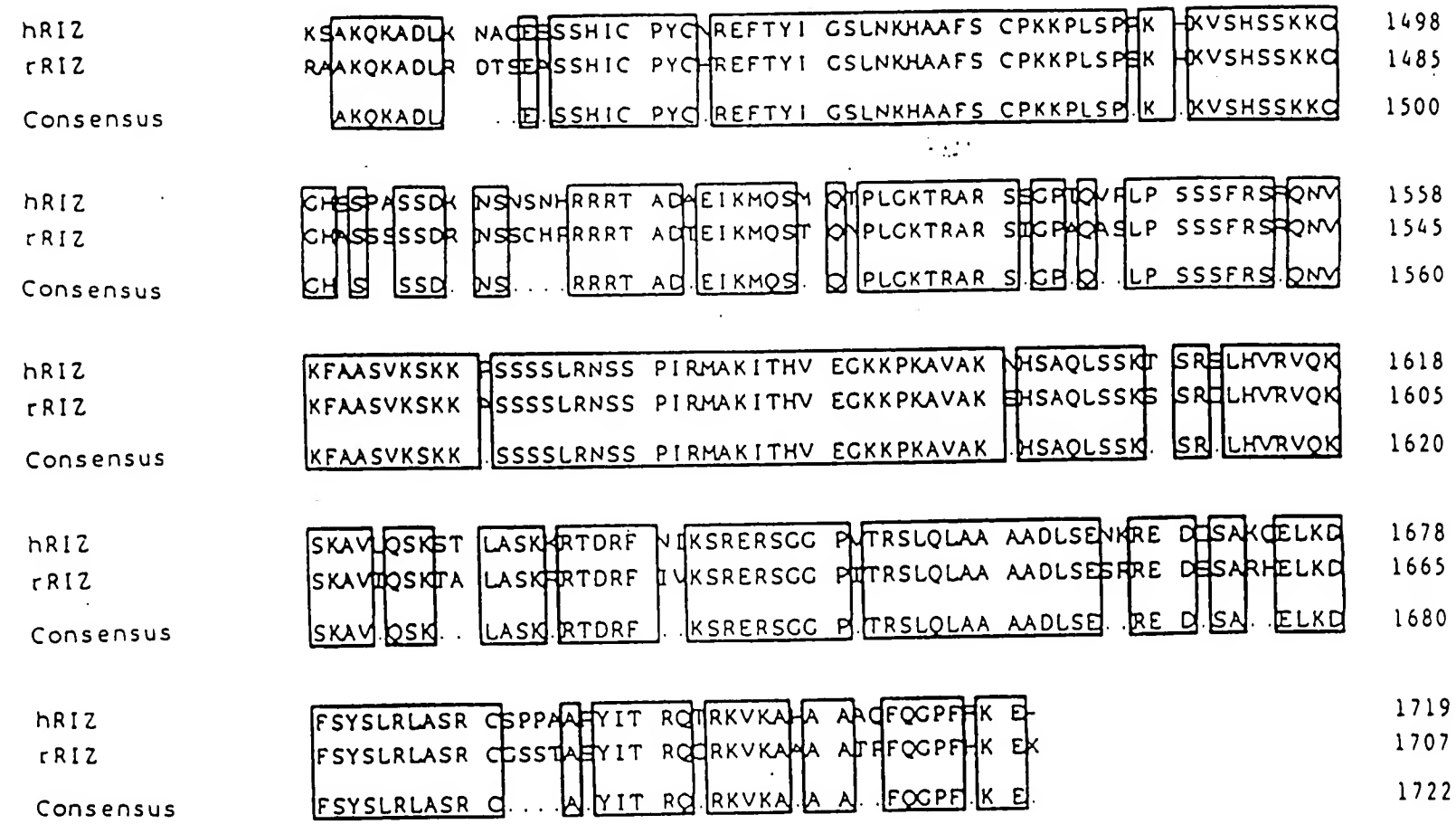
hRIZ
rRIZ
Consensus
1498
1485
1500
1558
1545
1560
1618
1605
1620
1678
1665
1680
1719
1707
1722

FIGURE 1E

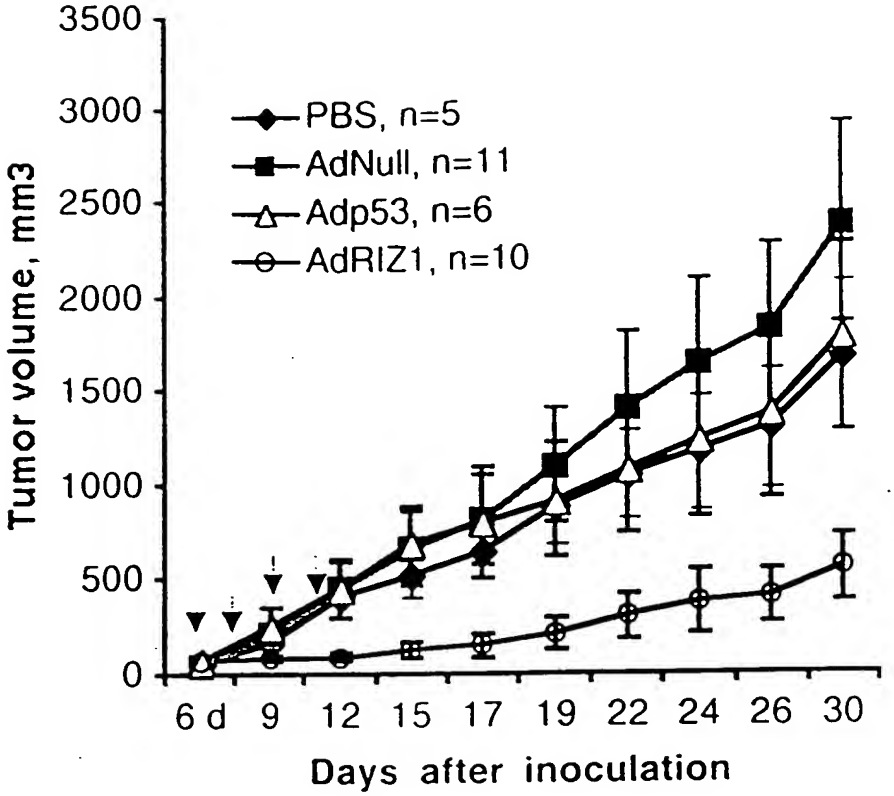
3500
3000
2500
2000
1500
1000
500
0
Tumor volume, mm3
PBS, n=5
AdNull, n=11
Adp53, n=6
AdRIZ1, n=10
6 d
9
12
15
17
19
22
24
26
30
Days after inoculation

FIGURE 2

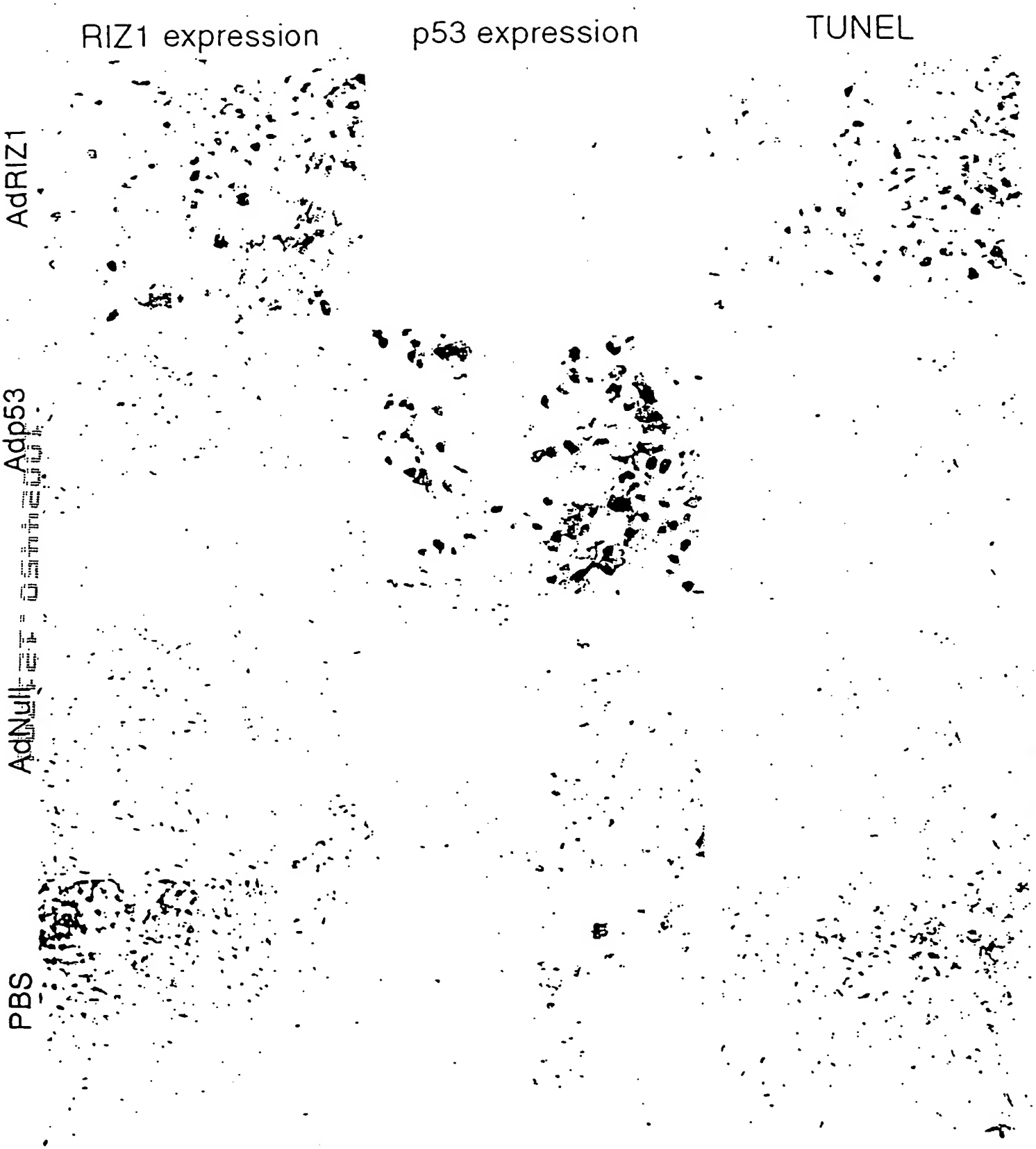
RIZ1 expression
p53 expression
TUNEL
AdRIZ1
Adp53
AdNull
PBS

FIGURE 3